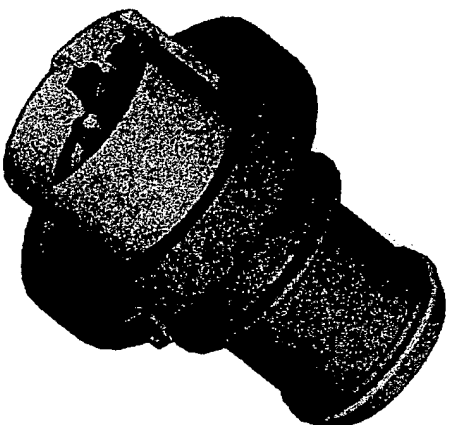


Slant

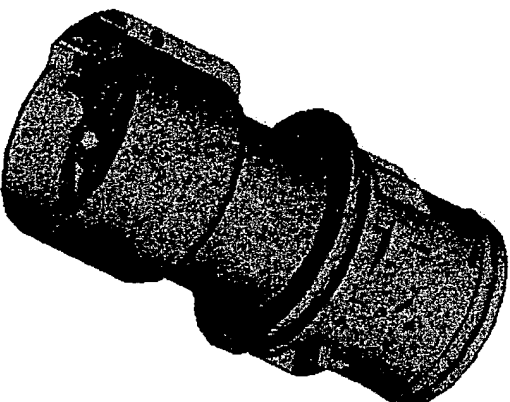
Mounting Options

Page 3



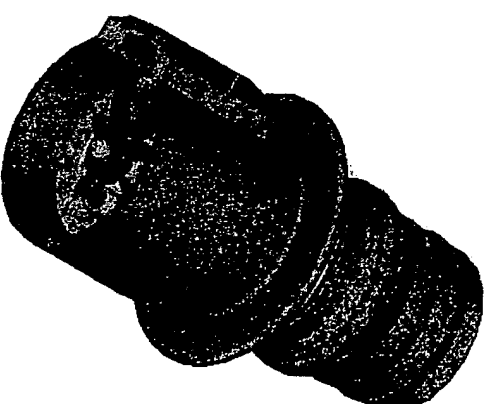
Weld On

- Siphonable & Non



In tank Mounting,

- Cam lock Version
- Siphonable & Non



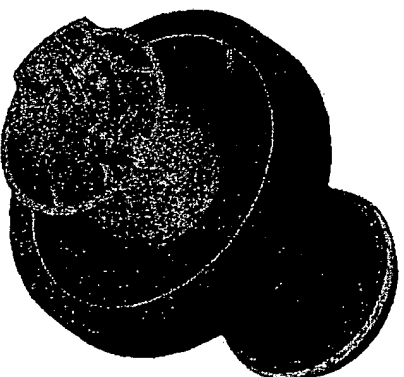
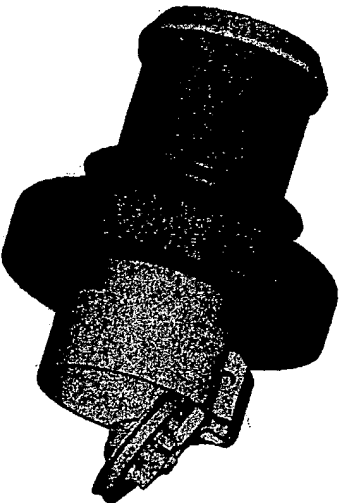
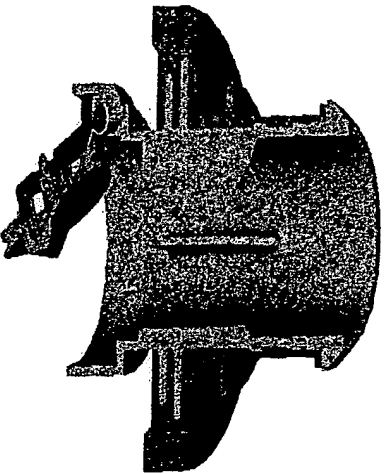
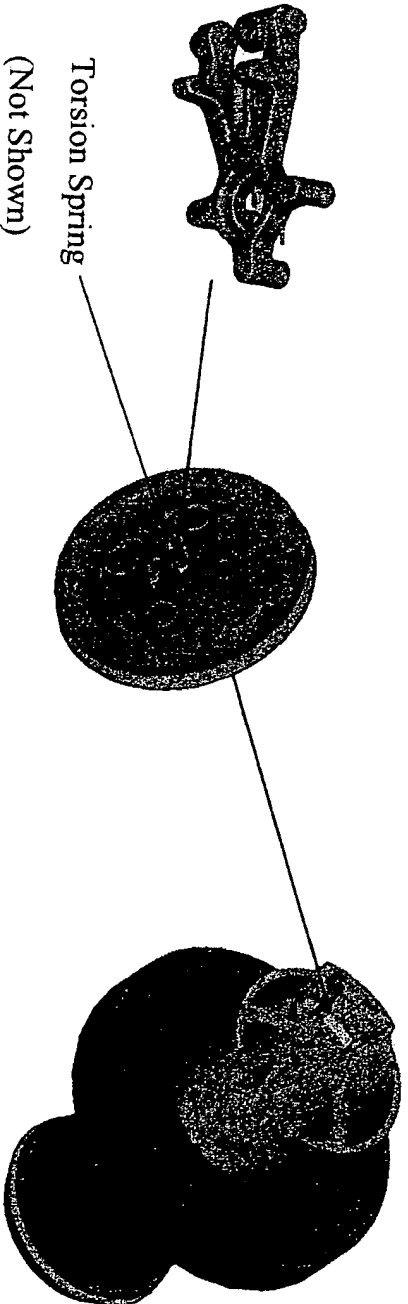
Nylon Hose. Crimped Version

- For In Tank Mounting.
- Siphonable & Non

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Components and Assembly



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Compact ICV

Current siphonable
ICV features Illustrated

Sealing Barb

Over-mold design with
permeation resistant material

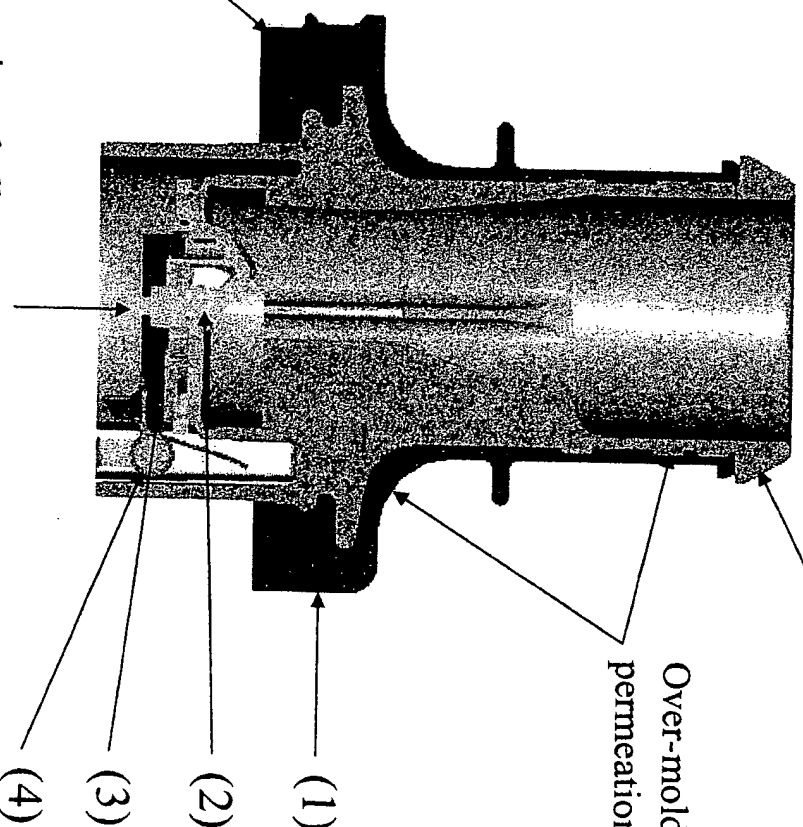
Reduced Complexity

4 Components

1. Housing Over-mold
2. Over-molded Flapper Door
3. Support Arm
4. Spring

Developed @
62mm

Two piece, ball snap design utilized
to aid in better sealing capabilities

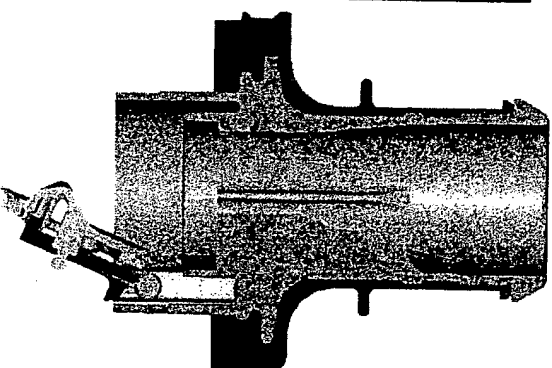
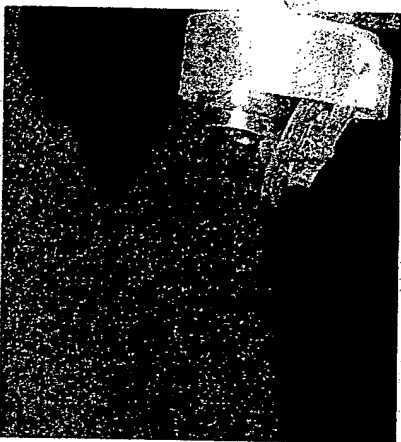


Page 2

Siphoning Capability

Figure 1. The effect of the concentration of the solution on the adsorption of Cu^{2+} by the adsorbent. The concentration of the solution was 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 15.0, 20.0, 30.0, 40.0, 50.0, 60.0, 70.0, 80.0, 90.0, 100.0 mg/L. The adsorbent was 0.1 g. The adsorption time was 24 h. The temperature was 25 °C. The pH was 5.0. The adsorbent was 0.1 g. The adsorption time was 24 h. The temperature was 25 °C. The pH was 5.0.

New Design



Current Design



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